

In re: Dent  
Serial No. 09/718,022  
Filed: November 20, 2000  
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### **REMARKS**

Applicant responds herein to each of the issues raised in the Office Action. Applicant appreciates the thorough examination of the present application as illustrated by the Office Action. Applicant submits that the claims are in form for allowance at least for the reasons discussed below.

#### **The Prior Art Rejections:**

Claims 30-40, 47-49, 70-72 and 76-78 stand rejected under 35 U.S.C. § 102(e) as being anticipated by United States Patent No. 6,188,717 to Kaiser et al. ("Kaiser"). Office Action, p. 2. Claims 1-29, 41-46, 50-69 and 73-75 stand rejected under 35 U.S.C. § 103 as being unpatentable over Kaiser in view of United States Patent No. 5,747,650 to Blaker et al. ("Blaker") and United States Patent No. 5,729,559 to Bright et al. ("Bright"). Office Action, p. 3. Applicant submits that the claims are patentable over the cited art for the various reasons discussed below.

Each of the remaining independent Claims 1, 26, 41 and 50 has been amended to include recitations related to rate one convolutional decoding using a set of precomputed source-encoder log-likelihood values. These recitations were previously found, respectively, in dependent Claims 3, 28, 43 and 51 and, accordingly, Claims 2-3, 27-28, 42-43 and 51 have been canceled. Claims 19, 30-40, 47-49 and 57-78 have also been canceled. Conforming amendments have also been made to Claims 4 and 20.

Applicant notes that the Office Action fails to even consider the recitations previously found in dependent Claims 3, 28, 43 and 51 and, accordingly, fails to cite to any teaching in any of the cited art that discloses or suggests such recitations. Applicant has found no such disclosure or suggestion in the cited references. Accordingly, the rejections of the independent claims and the claims that depend therefrom should be withdrawn for at least these reasons. If the rejections are not withdrawn, Applicant respectfully requests a citation of what reference and what portion(s) of such reference disclose or suggest these recitations of the amended claims and how the Examiner is interpreting such cited portions to support a rejection of the claims, including the Examiner's motivation for any combination relied on for

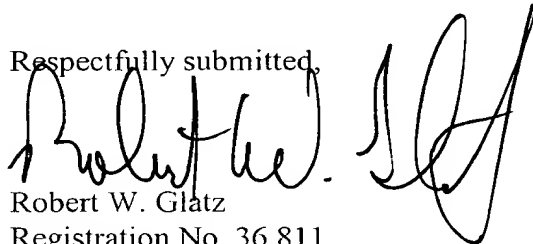
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the rejections.

### CONCLUSION

Applicant respectfully submits that, for the reasons discussed above, the references cited in the present rejections do not disclose or suggest the present invention as claimed. Accordingly, Applicant respectfully requests allowance of all the pending claims and passing this application to issue.

Respectfully submitted,



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Carey Gregory

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